

## CLAIMS

What is claimed is:

1. A drive system for a motor vehicle, said drive system comprising:
  - 2 a drive shaft;
  - 3 a centrifugal mass mounted on said drive shaft for rotation about an axis
  - 4 and being profiled with an axial receiving space;
  - 5 an electrical machine comprising a rotor mounted on the centrifugal mass
  - 6 and a stator arranged radially with respect to said rotor; and
  - 7 at least one component accommodated in said receiving space.
- 1 2. A drive system as in claim 1 wherein said electrical machine is  
2 mounted on a side of said centrifugal mass which is mounted to said drive shaft.
- 1 3. A drive system as in claim 1 further comprising a housing having at  
2 least one part, said centrifugal mass and said electrical machine being arranged in said  
3 housing.
- 1 4. A drive system as in claim 3 further comprising a stator bracket  
2 which attaches said stator to said housing.
- 1 5. A drive system has in claim 4 further comprising a cooling channel  
2 in said stator bracket.
- 1 6. A drive system as in claim 4 wherein said stator bracket bounds  
2 said receiving space radially.
- 1 7. A drive system as in claim 1 wherein said centrifugal mass  
2 comprises a radially inner first area, a radially outer second area, and a third area  
3 connecting said first and second areas, which are offset both radially and axially.

1               8. A drive system as in claim 7 wherein said first area and said third  
2 area bound two sides of said receiving space.

1               9. A drive system as in claim 1 wherein said centrifugal mass  
2 comprises a first area and a second area which are connected to each other at an  
3 angle.

1               10. A drive system as in claim 9 wherein said first area comprises an  
2 attachment area for attaching said centrifugal mass to said drive shaft, and said second  
3 area comprises an attachment area for attaching said rotor, said second area having at  
4 least one through opening.

1               11. A drive system as in claim 9 wherein said first and second areas  
2 bound two sides of said receiving space.

1               12. A drive system as in claim 1 further comprising a clutch, said clutch  
2 comprising said component accommodated in said receiving space.

1               13. A drive system as in claim 12 wherein said clutch comprises a  
2 clutch disk arrangement, said clutch disk arrangement comprising said component in  
3 said receiving space.

1               14. A drive system as in claim 12 wherein said clutch comprises an  
2 actuating device, said actuating device comprising said component accommodated in  
3 said receiving space.

1               15. A drive system as in claim 14 wherein said actuating device  
2 comprises an actuator, said actuator comprising said component accommodated in said  
3 receiving space.

1               16. A drive system as in claim 15 further comprising a housing having  
2 at least one part, said centrifugal mass and said electrical machine being arranged in

3 said housing, and a stator bracket attaching said stator to said housing, said stator  
4 bracket having an inner surface, said actuator comprising a cylinder formed by said  
5 inner surface.

1               17. A drive system as in claim 12 wherein said clutch comprises a  
2 diaphragm spring which is accommodated in said receiving space.

1               18. A drive system as in claim 1 wherein said at least one component  
2 comprises at least one torsion damper.

1               19. A drive system as in claim 1 wherein said electrical machine is a  
2 starter-generator.